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**FACSIMILE TRANSMITTAL SHEET**

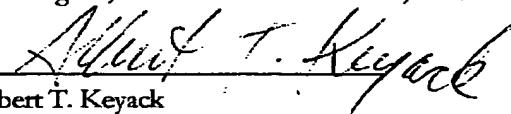
TO:	FROM:
Assistant Commissioner of Patents	Albert Keyack
COMPANY:	DATE:
USPTO Art Unit 2873 (D. Spector)	March 29, 2005
FAX NUMBER:	TOTAL NO. OF PAGES INCLUDING COVER:
(703) 872-9306	443
PHONE NUMBER:	SENDER'S REFERENCE NUMBER:
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RE:	YOUR REFERENCE NUMBER:
Serial No. 10/723,060	

URGENT    FOR REVIEW    PLEASE COMMENT    PLEASE REPLY    PLEASE RECYCLE

NOTES/COMMENTS:

Transmittal Letter (1 p)  
Response to Office Action (6 pp)  
Claims incorporating amendments (2 pp)  
Revised Oath and Declaration (2 pp)  
Substitute Specification showing amendments (18 pp)  
Substitute Specification incorporating amendments (13 pp)  
Revised Drawings (1 sheet)

I, Albert T. Keyack Registration No. 32,906 hereby certify that this correspondence is being transmitted via facsimile addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231 on March 29, 2005

  
Albert T. Keyack

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0851-0031  
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TRANSMITTAL  
FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/723,060
Filing Date	11/26/2003
First Named Inventor	Zhilikov
Art Unit	2873
Examiner Name	Spector
Attorney Docket Number	ZHILIKOV 2

## ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks <i>Substitute Specification Oath/Declaration (corrected, notee)</i>		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Albert T. Keyack		
Signature	<i>Albert T. Keyack</i>		
Printed name	Albert T. Keyack		
Date	March 29, 2005	Reg. No.	32,906

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	<i>Albert T. Keyack</i>		
Typed or printed name	Albert T. Keyack	Date	3/29/05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 2873  
Examiner : David N. Spector  
Serial No. : 10/723,060  
Filed : November 26, 2003  
Inventor : Zhilkov  
Title : Teraherz and Mid-Infrared Probing Apparatus With High Repetition Rate  
Pulses and Methods of Using Same

Dated: March 29, 2005

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AMENDMENT

Commissioner of Patents  
Washington, DC 20231

Sir:

This is responsive to the Office Action dated May December 29, 2004 in the above-referenced pending patent application. Please enter the following amendments:

In the Specification

Please substitute the attached substitute specification. No objectionable new matter has been inserted.